

CLAIMS

1. A wet cleaning sheet comprising an aqueous liquid-retaining layer having an aqueous liquid-containing polymer and a chemical-containing layer containing a chemical which causes said polymer to release said aqueous liquid, wherein
5 said aqueous liquid-retaining layer and said chemical-containing layer are formed and/or arranged in such a manner that they are kept out of substantial contact under no load applied but brought into contact with each other with a prescribed load applied whereby said aqueous liquid is gradually released from said polymer by the action of said chemical.
- 10 2. The wet cleaning sheet according to claim 1, wherein said aqueous liquid-containing polymer comprises a low-fluidity ionic polymer containing an aqueous liquid and having a viscosity of 10,000 mPa·s or higher at 25°C or comprises an ionic superabsorbent resin having absorbed an aqueous liquid.
- 15 3. The wet cleaning sheet according to claim 1, wherein said chemical comprises an electrolyte or an acidic or basic substance, and said aqueous liquid is gradually released from said polymer by the osmotic pressure equilibrating action or crosslinking action of said electrolyte, or said aqueous liquid is gradually released from said polymer by the deionizing action of said acidic or basic substance.
- 20 4. The wet cleaning sheet according to claim 1, wherein a liquid-permeable isolating layer is interposed between said aqueous liquid-retaining layer and said chemical-containing layer.
- 25 5. The wet cleaning sheet according to claim 1, wherein said chemical-containing layer comprises a supporting sheet and said chemical held in said supporting sheet, said chemical-containing layer serves as one outer side of said wet cleaning sheet, the other side of said wet cleaning sheet comprises a liquid-impermeable backside sheet, and said aqueous liquid-retaining layer is interposed between said chemical-containing layer and said backside sheet.

6. The wet cleaning sheet according to claim 1, wherein said low-fluidity ionic polymer or said ionic superabsorbent resin comprises a carboxylic acid-based polymer having a crosslinked network structure.

5 7. The wet cleaning sheet according to claim 3, wherein said electrolyte comprises a salt of a monovalent or divalent metal ion, said acidic substance has a pKa value for the first stage of dissociation (25°C) of 0 to 12, and said basic substance has a pKb value (25°C) of 1 to 10.

10 8. The wet cleaning sheet according to claim 1, wherein said aqueous liquid-containing polymer comprises an aqueous liquid-containing gel formed by crosslinking a water-soluble polymer with an ionic substance, said chemical comprises an ionic substance scavenger, and upon contact between said aqueous liquid-containing gel and said ionic substance scavenger, said ionic substance scavenger draws out said ionic substance from said aqueous liquid-containing gel to make the aqueous liquid present in said aqueous liquid-containing gel be released.

15 9. The wet cleaning sheet according to claim 8, wherein said water-soluble polymer comprises a carboxylic acid-based polymer, polyvinyl alcohol or a natural polysaccharide, and said ionic substance comprises a metal ion or a borate ion.

10. The wet cleaning sheet according to claim 9, wherein said natural polysaccharide is a carrageenan or alginic acid.